



U.S. Department
of Transportation

**Pipeline and
Hazardous
Materials Safety
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

APR 27 2005

DOT-E 12744
(FOURTH REVISION)

EXPIRATION DATE: March 31, 2007

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Alcoa, Inc.
Pittsburgh, PA

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of electric storage batteries together with materials of trade (MOTs) and a cesium-containing apparatus in the same motor vehicle as not subject to the requirements of 49 CFR Subchapter C other than the requirements of this exemption. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR Subchapter C except § 173.21 and as prescribed in this exemption.
5. BASIS: This exemption is based on the application of Alcoa Inc., dated March 28, 2005 submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

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Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Batteries, wet, filled with acid, <i>electric storage</i>	8	UN2794	III
Materials of trade (MOTs) as specified in 49 CFR 173.6	N/A	N/A	N/A
Dangerous Goods in Apparatus (Cesium beam timing instrument)	9	UN3363	N/A

7. SAFETY CONTROL MEASURES:a. PACKAGING -

1. The MOTs must be packaged in conformance with § 173.6(b) and marked in conformance with § 173.6(c).
2. The electric storage batteries must conform to § 173.159(e)(2)-(4).
3. The cesium beam timing apparatus, which contains no more than 5 gram of cesium, is contained in a welded stainless steel hermetically sealed cylinder maintained under vacuum. Only one cesium beam timing apparatus may be transported in a vehicle. The entire apparatus shall be overpacked in strong outer packaging or securely blocked and braced within the vehicle so as to prevent movement during carriage.

b. OPERATIONAL CONTROLS -

1. The MOTs are limited to the hazardous material classes listed in § 173.6(a)(1) and having a gross mass or capacity not over those listed in § 173.6(a)(1)(i-iii).

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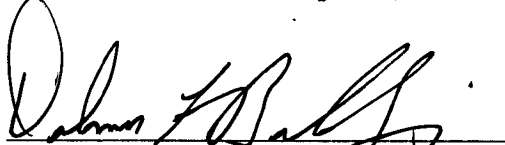
2. The packaged MOTs must be blocked, braced or otherwise secured to prevent contact with or damage to the batteries or cesium beam timing apparatus.
3. Transportation must be by private motor carrier.
8. SPECIAL PROVISIONS: A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport electric storage batteries together with MOTs and a cesium containing apparatus under this exemption.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
 - o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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Date

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

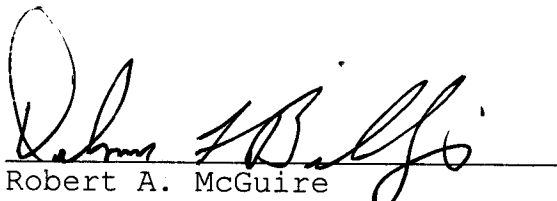
Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: SW/AM

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
AFL Network Services, Inc. Salem, VA	Mar 28, 2005	APR 27 2005	Mar 31, 2007
AFL Network Services, LLC, Franklin, TN	Mar 14, 2005	APR 27 2005	Mar 31, 2007
Alcoa Fujikura Ltd. Franklin, TN	Mar 28, 2005	APR 27 2005	Mar 31, 2007
Alcoa Network Services, Inc. Afton, NY	Mar 28, 2005	APR 27 2005	Mar 31, 2007
Alcoa Wireless Network Services, Inc. dba AFL Wireless Network Services, Inc. Franklin, TN	Mar 28, 2005	APR 27 2005	Mar 31, 2007
Alcoa Wireless Services, Inc. dba AFL Wireless Services, Inc. San Diego, CA	Mar 28, 2005	APR 27 2005	Mar 31, 2007
T.I.C.S. Corporation Charlotte, NC	Mar 28, 2005	APR 27 2005	Mar 31, 2007


for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety